



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor(s) hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING
the specification of which:

..... is attached hereto, or
 was filed on 6/16/98 as application serial no. 09/098,041 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

RECEIVED

APR 11 2002

OFFICE OF PETITIONS

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO
 Two North Market Street, Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: John M. Airey

Inventor's Signature JM/A Date July 30 1998
 Residence Mountain View, California Citizenship USA
 (City State)
 P.O. Address 340 Vincent Drive, Mountain View, California 94041

Full Name of Second/Joint Inventor: Mark S. Peercy

Inventor's Signature Date
 Residence Sunnyvale, California Citizenship USA
 (City State)
 P.O. Address 955 Escalon Avenue, Sunnyvale, California 94086

Full Name of Third/Joint Inventor: Robert A. Drebin

Inventor's Signature Date
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 1100 Cedar Street, Palo Alto, California 94301

Full Name of Fourth/Joint Inventor: John Montrym

Inventor's Signature Date
Residence Los Altos, California Citizenship USA
(City State)
P.O. Address 1429 Miravalle Avenue, Los Altos, California 94024

Full Name of Fifth/Joint Inventor: David L. Dignam

Inventor's Signature Date
Residence Belmont California Citizenship Canadian
(City State)
P.O. Address 1806 Mezes Avenue, Belmont, California 94002

Full Name of sixth/Joint Inventor: Christopher J. Migdal

Inventor's Signature Date
Residence Mountain View, California Citizenship Canadian
(City State)
P.O. Address 603 Tami Way, Mountain View, California 94041

Full Name of Seventh /Joint
Inventor: Danny D. Loh

Inventor's Signature Date
Residence Fremont, California Citizenship USA
(City State)
P.O. Address 34350 Eucalyptus Terrace, Fremont, California 94555

**Declaration and Power of Attorney
for a Patent Application**

Declaration

APR 08 2002

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING
the specification of which:

..... is attached hereto, or
 was filed on 6/16/98 as application serial no. 09/098,041 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

RECEIVED
APR 11 2002
OFFICE OF PETITIONS

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO
 Two North Market Street, Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: John M. Airey

Inventor's Signature Date
 Residence Mountain View, California Citizenship USA
 (City) (State)
 P.O. Address 340 Vincent Drive, Mountain View, California 94041

Full Name of Second/Joint Inventor: Mark S. Peercy

Inventor's Signature Mark S. Peercy Date 8/3/98
 Residence Sunnyvale, California Citizenship USA
 (City) (State)
 P.O. Address 955 Escalon Avenue, Sunnyvale, California 94086

Full Name of Third/Joint Inventor: Robert A. Drebin

Inventor's Signature Date
 Residence Palo Alto, California Citizenship USA
 (City) (State)
 P.O. Address 1100 Cedar Street, Palo Alto, California 94301

Full Name of Fourth/Joint Inventor: John Montrym

Inventor's Signature Date
Residence Los Altos, California Citizenship USA
(City State)
P.O. Address 1429 Miravalle Avenue, Los Altos, California 94024

Full Name of Fifth/Joint Inventor: David L. Dignam

Inventor's Signature Date
Residence Belmont California Citizenship Canadian
(City State)
P.O. Address 1806 Mezes Avenue, Belmont, California 94002

Full Name of sixth/Joint Inventor: Christopher J. Migdal

Inventor's Signature Date
Residence Mountain View, California Citizenship Canadian
(City State)
P.O. Address 603 Tami Way, Mountain View, California 94041

Full Name of Seventh /Joint Inventor:
Inventor: Danny D. Loh

Inventor's Signature Date
Residence Fremont, California Citizenship USA
(City State)
P.O. Address 34350 Eucalyptus Terrace, Fremont, California 94555



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING
the specification of which:

..... is attached hereto, or
 was filed on 6/16/98 as application serial no. 09/098,041 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

RECEIVED

APR 11 2002

OFFICE OF PETITIONS

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO
 Two North Market Street, Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: John M. Airey

Inventor's Signature Date
 Residence Mountain View, California Citizenship USA
 (City State)
 P.O. Address 340 Vincent Drive, Mountain View, California 94041

Full Name of Second/Joint Inventor: Mark S. Peercy

Inventor's Signature Date
 Residence Sunnyvale, California Citizenship USA
 (City State)
 P.O. Address 955 Escalon Avenue, Sunnyvale, California 94086

Full Name of Third/Joint Inventor: Robert A. Drebin

Inventor's Signature Date
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 1100 Cedar Street, Palo Alto, California 94301

Full Name of Fourth/Joint Inventor: John Montrym

Inventor's Signature Date
Residence Los Altos, California Citizenship USA
(City State)
P.O. Address 1429 Miravalle Avenue, Los Altos, California 94024

Full Name of Fifth/Joint Inventor: David L. Dignam

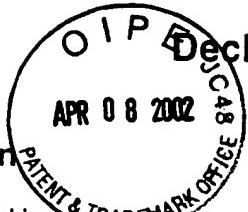
Inventor's Signature D. Dignam Date 8/5/98
Residence Belmont California Citizenship Canadian
(City State)
P.O. Address 1806 Mezes Avenue, Belmont, California 94002

Full Name of sixth/Joint Inventor: Christopher J. Migdal

Inventor's Signature Date
Residence Mountain View, California Citizenship Canadian
(City State)
P.O. Address 603 Tami Way, Mountain View, California 94041

Full Name of Seventh /Joint Inventor: Danny D. Loh

Inventor's Signature Date
Residence Fremont, California Citizenship USA
(City State)
P.O. Address 34350 Eucalyptus Terrace, Fremont, California 94555

**Declaration**

As below named inventor(s) hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING
the specification of which:

..... is attached hereto, or
 was filed on 6/16/98 as application serial no. 09/098,041 : and
 was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

RECEIVED

APR 11 2002

OFFICE OF PETITIONS

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO
 Two North Market Street, Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: John M. Airey

Inventor's Signature Date
 Residence Mountain View, California Citizenship USA
 (City Sunnyvale, State CA)
 P.O. Address 340 Vincent Drive, Mountain View, California 94041

Full Name of Second/Joint Inventor: Mark S. Peercy

Inventor's Signature Date
 Residence Sunnyvale, California Citizenship USA
 (City Sunnyvale, State CA)
 P.O. Address 955 Escalon Avenue, Sunnyvale, California 94086

Full Name of Third/Joint Inventor: Robert A. Drebin

Inventor's Signature Date
 Residence Palo Alto, California Citizenship USA
 (City Palo Alto, State CA)
 P.O. Address 1100 Cedar Street, Palo Alto, California 94301

Full Name of Fourth/Joint Inventor: John Montrym

Inventor's Signature Date
Residence Los Altos, California Citizenship USA
(City State)
P.O. Address 1429 Miravalle Avenue, Los Altos, California 94024

Full Name of Fifth/Joint Inventor: David L. Dignam

Inventor's Signature Date
Residence Belmont California Citizenship Canadian
(City State)
P.O. Address 1806 Mezes Avenue, Belmont, California 94002

Full Name of sixth/Joint Inventor: Christopher J. Migdal

Inventor's Signature Christopher J. Migdal Date July 30, 1998
Residence Mountain View, California Citizenship Canadian
(City State)
P.O. Address 603 Tami Way, Mountain View, California 94041

Full Name of Seventh /Joint Inventor: Danny D. Loh

Inventor's Signature Date
Residence Fremont, California Citizenship USA
(City State)
P.O. Address 34350 Eucalyptus Terrace, Fremont, California 94555



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor(s) hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING
the specification of which:

..... is attached hereto, or
 was filed on 6/16/98 as application serial no. 09/098,041 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
.....
.....

RECEIVED
APR 11 2002

OFFICE OF PETITIONS

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO
 Two North Market Street, Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: John M. Airey

Inventor's Signature Date
 Residence Mountain View, California Citizenship USA
 (City State)
 P.O. Address 340 Vincent Drive, Mountain View, California 94041

Full Name of Second/Joint Inventor: Mark S. Peercy

Inventor's Signature Date
 Residence Sunnyvale, California Citizenship USA
 (City State)
 P.O. Address 955 Escalon Avenue, Sunnyvale, California 94086

Full Name of Third/Joint Inventor: Robert A. Drebin

Inventor's Signature Date
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 1100 Cedar Street, Palo Alto, California 94301

Full Name of Fourth/Joint Inventor: John Montrym

Inventor's Signature Date
Residence Los Altos, California Citizenship USA
(City State)
P.O. Address 1429 Miravalle Avenue, Los Altos, California 94024

Full Name of Fifth/Joint Inventor: David L. Dignam

Inventor's Signature Date
Residence Belmont California Citizenship Canadian
(City State)
P.O. Address 1806 Mezes Avenue, Belmont, California 94002

Full Name of sixth/Joint Inventor: Christopher J. Migdal

Inventor's Signature Date
Residence Mountain View, California Citizenship Canadian
(City State)
P.O. Address 603 Tami Way, Mountain View, California 94041

Full Name of Seventh /Joint Inventor:
Danny D. Loh

Inventor's Signature Danny D. Loh Date 8/1/98
Residence Fremont, California Citizenship USA
(City State)
P.O. Address 34350 Eucalyptus Terrace, Fremont, California 94555